

Laura S. Olton General Counsel Rhode Island

October 12, 2006

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

> RE: Docket 3628 – The Narragansett Electric Company's Service Quality Plan Feeder Ranking Report – 3rd Quarter 2006

Dear Ms. Massaro:

Enclosed please find ten (10) copies of the Feeder Ranking Report for the third quarter of 2006, filed in accordance with the Additional Reporting Criteria, Item 1, of The Narragansett Electric Company, d/b/a National Grid Service Quality Plan effective January 1, 2005.

Thank you for your attention to this filing. Please feel free to contact me if you have any questions at (401) 784-7667.

Very truly yours,

Laura S. Olton

Laura S. Olton

Enclosures

Docket 3628 Service List cc: Paul Roberti, Esq.

Steve Scialabba, Division

Rank	Feeder	Frequency	Town Served	Customers	Events	Duration	CMI	Cause	Corrective Action
1	30F2	7.2708	EXETER	3228	31	524.89	1694351	Feeder Lockout - Overload - heat	Performed switching to relieve load and restored circuit
			NORTH KINGSTOWN					Fuse Link Failure - Overload - heat	Replaced transformer fuse
								Fuse Link Failure - No Cause Found	Replaced line fuse
								Pole Top Recloser Lockout - Load Imbalance - heat	Performed switching to relieve load and restored circuit
								Fuse link failure - equipment failure	Replaced failed equipment and replaced transformer fuse
								Fuse Link Failure - Overload - heat	Replaced transformer fuse
								Fuse Link Failure - fallen tree Fuse Link Failure - fallen tree	Replaced line fuse Replaced line fuse
								Fuse Link Failure - Tree Branch	Replaced transformer fuse
								Fuse Link Failure - Tree Branch Fuse Link Failure - fallen tree	Replaced transformer fuse Replaced line fuse
								Fuse Link Failure - Tree Branch	Replaced line luse Replaced transformer fuse
								Fuse Link Failures - fallen tree	Replaced line fuse
								Fuse Link Failure - No Cause Found	Replaced line fuse
								Fuse Link Failure - Tree Branch	Replaced transformer fuse
								Fuse Link Failure - equipment failure	Replaced failed equipment and replaced line fuse
								Planned outage - equipment	Replaced line fuse
								maintenance Feeder Lockout - Overload - heat	Performed switching to relieve load and restored circuit
								Fuse Link Failure -Overload - heat	Replaced line fuse
								Fuse link failure - equipment failure	Replaced failed equipment and replaced
								Pole Top Recloser Lockout -	transformer fuse Performed switching to relieve load and
								Overload - heat	restored circuit
								Feeder Lockout - Overload - heat	Performed switching to relieve load and restored circuit
								Loss of 34.5kV Supply to feeder - substation equipment overload - heat.	Performed switching to relieve load and restored circuit
								Fuse Link Failures - fallen tree	Replaced line fuse
								Fuse Link Failure - Animal	Replaced transformer fuse
								Fuse Link Failure - Tree Vines Blown riser fuse - cable insulation failure	Replaced transformer fuse Repaired cable and replaced riser fuse
								Feeder lockout - Fallen Tree	Removed tree and restored circuit to normal operation
								Fuse Link Failure - Tree Branch Planned outage - equipment maintenance	Replaced transformer fuse Replaced line fuse
								Fuse Link Failure - equipment failure	Replaced damaged equipment and replaced transformer fuse
2	126W40	6.1209	LINCOLN	612	5	410.42	251179	Fuse Link Failure - equipment failure	Replaced damaged equipment and replaced transformer fuse
			SMITHFIELD					Fuse Link Failure - equipment failure	Replaced damaged equipment and replaced line fuse
								Fuse Link Failure - equipment failure	Replaced damaged equipment and replaced line fuse
								Fuse Link Failure - Tree Vines	Replaced transformer fuse
								Pole top recloser lockout - tree growth	Removed tree condition and restored circuit to normal operation
3	87F2	3.3781	WARWICK	201	4	366.99	73765	Feeder lockout - Fallen Tree	Removed tree and restored circuit to normal operation
								Loss of 115kV supply to Substation - thunderstorms.	Patrolled supply line and found no damage. Restored circuit to normal operation.
								Loss of 115kV supply to Substation - unknown cause	Patrolled supply line and found no damage. Restored circuit to normal operation.
								Loss of 115kV supply to Substation - unknown cause	Patrolled supply line and found no damage. Restored circuit to normal operation.
4	87F4	3.285	WARWICK	400	5	327.74	131094	Loss of 115kV supply to Substation - thunderstorms.	Patrolled supply line and found no damage. Restored circuit to normal operation.
								Loss of 115kV supply to Substation - unknown cause	Patrolled supply line and found no damage. Restored circuit to normal operation.
								Loss of 115kV supply to Substation -	Patrolled supply line and found no damage.
								unknown cause	Restored circuit to normal operation.
								Fuse Link Failure - Animal Fuse Link Failure - Animal	Replaced transformer fuse Replaced transformer fuse

Rank	Feeder	Frequency	Town Served	Customers	Events	Duration	CMI	Cause	Corrective Action
5	73J5	3.2522	CRANSTON	559	4	803.05	448903	Feeder lockout - Equipment	Replaced damaged equipment and restored
-								Damage Loss of 23kV supply to feeder -	circuit to normal operation. Performed switching and restored circuit to
								lightning	normal operation.
								Loss of 23kV supply to feeder - lightning	Performed switching and restored circuit to normal operation.
								Fuse Link Failure - equipment	Replaced line fuse
6	63F5	3.1867	COVENTRY	3513	15	269.65	947289	overload Fuse Link Failure - Animal	Replaced transformer fuse
			WEST WARWICK					Tripped CSP Transformer - Overload	Reset breaker on transformer
								Fuse Link Failure - Lightning	Replaced transformer fuse
								Fuse Link Failure - Tree Branch Feeder lockout - lightning	Replaced transformer fuse Closed feeder breaker and restored circuit to
								Fuse Link Failure - lightning	normal operation Replaced line fuse
								Tripped CSP Transformer -	Reset breaker on transformer
								Overload Fuse Link Failure - Deteriorated	Replaced equipment and replaced transformer
								equipment Loss of 34.5kV Supply to feeder -	fuse Performed switching to relieve load and
								substation equipment overload -	restored circuit
								heat. Fuse Link Failure - Animal	Replaced line fuse
								Fuse Link Failure - equipment	Replaced equipment and replaced transformer
								overload Fuse Link Failure - Animal	fuse Replaced transformer fuse
								Fuse Link Failure - Deteriorated equipment	Replaced equipment and replaced transformer
								Fuse Link Failure - Animal	Replaced line fuse
								Fuse Link Failure - equipment damage	Repaired equipment and replaced transformer fuse
7	57J3	3.0117	WARWICK	1028	6	281.11	288986	Downed phase conductor - lightning	Manually opened feeder breaker, made repairs and returned circuit to normal operation.
								Loss of 23kV supply to feeder -	Performed switching and restored circuit to
								lightning Tripped CSP Transformer -	normal operation. Reset breaker on transformer
								Overload Fuse Link Failure - Overload - heat	Replaced transformer fuse
									Patrolled circuit and returned circuit to normal
								Feeder lockout - lightning	operation.
								Tripped CSP Transformer - Overload	Reset breaker on transformer
8	61F2	2.8722	EAST GREENWICH	1573	7	269.04	423198	Feeder lockout - Fallen Tree	Removed tree and restored circuit to normal operation
			WARWICK					Fuse Link Failure - lightning Feeder Lockout - Overload - heat	Replaced line fuse Performed switching to relieve load and
									restored circuit
								Loss of 34.5kV Supply to feeder - substation equipment overload - heat.	Performed switching to relieve load and restored circuit
								Fuse Link Failure -overload Fuse Link Failure - equipment	Replaced transformer fuse Replaced failed equipment and replaced
								failure	transformer fuse
9	87F1	2.8414	WARWICK	1217	4	314.57	382837	Fuse Link Failure - Animal Fuse Link Failure - lightning	Replaced line fuse Replaced line fuse
								Loss of 115kV supply to Substation - thunderstorms.	Patrolled supply line and found no damage. Restored circuit to normal operation.
								Loss of 115kV supply to Substation -	Patrolled supply line and found no damage.
			CRANSTON					unknown cause Loss of 115kV supply to Substation -	Restored circuit to normal operation. Patrolled supply line and found no damage.
10	72F5	2 7524	WARWICK	3313	17	325.17	1077285	unknown cause Fuse Link Failure -animal	Restored circuit to normal operation. Replaced transformer fuse
1	1 - 0	2.7004		0010	"	320.17	.0.7200	Fuse Link Failure -animal	Replaced transformer fuse
								Fuse Link Failure -equipment failure.	Replaced failed equipment and replaced transformer fuse
								Feeder lockout - tree limbs	Removed tree limbs and restored circuit to normal operation
								Fuse Link Failure -lightning	Replaced line fuse
								Fuse Link Failure - equipment failure	Replaced failed equipment and replaced transformer fuse
								Fuse Link Failure - Lightning Fuse Link Failure - overload - heat.	Replaced transformer fuse Replaced line fuse
								Fuse Link Failure - overload - heat.	Replaced line fuse
									•
								Tripped CSP Transformer - Overload Fuse Link Failure - overload - heat.	Reset breaker on transformer
									Replaced transformer fuse
								Pole top recloser lockout -Overload - heat.	Performed switching and restored circuit to normal operation.
									Performed switching and restored circuit to
								Fuse Link Failure -animal	normal operation. Replaced transformer fuse
								Fuse Link Failure - tree branch Fuse Link Failure - equipment	Replaced line fuse Replaced failed equipment and replaced line
								failure Fuse Link Failure - unknown cause	fuse Replaced line fuse
								i doc Link i andre - unknown cause	rreplaced lille luse

Rank	Feeder	Frequency	Town Served	Customers	Events	Duration	CMI	Cause	Corrective Action
11	34F1	2.7485	GLOCESTER	3090	39	209.06	645993	Fuse Link Failure - lightning	Replaced line fuse
			COVENTRY					Fuse Link Failure - lightning	Replaced transformer fuse
			FOSTER					Fuse Link Failure - equipment	Replaced failed equipment and replaced line
			SCITUATE					failure	fuse
			SCHOALE					Fuse Link Failure - equipment failure	Replaced failed equipment and replaced transformer fuse
								Feeder lockout - lightning	Patrolled feeder - no damage found- restored
									circuit to normal operation.
									Repaired primary conductors and replaced line
								- lightning. Fuse Link Failure -lightning	fuse. Replaced line fuse
								Fuse Link Failure - Ighthing Fuse Link Failure - fallen tree	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - tree limb Fuse Link Failure - Lightning	Replaced line fuse Replaced transformer fuse
								Fuse Link Failure - Lightning	Replaced transformer fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Fuse Link Failure - No Cause Found	Replaced line fuse
								Free Lieb Feibre - Liebteine	Danie and transformer from
								Fuse Link Failure - Lightning Fuse Link Failure - Lightning	Replaced transformer fuse Replaced line fuse
								Fuse Link Failure - deterioration	Replaced transformer fuse
								Feeder lockout - lightning	Patrolled feeder - no damage found- restored
									circuit to normal operation.
								Fuse Link Failure - equipment failure	Replaced failed equipment and replaced line fuse
								Fuse Link Failure - fallen tree	Replaced line fuse
								Fuse Link Failure - fallen tree	Replaced line fuse
								Fuse Link Failure - overload - heat.	Replaced line fuse
								Fuse Link Failure - tree limb	Replaced line fuse
								Replaced transformer fuse -lightning	Replaced transformer fuse
								Fuse Link Failure - equipment	Replaced failed equipment and replaced line
								failure Replaced transformer fuse -lightning	fuse Replaced transformer fuse
								Fuse Link Failure - deterioration	Replaced transformer fuse
								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - equipment	Replaced failed equipment and replaced
								failure	transformer fuse
								Fuse Link Failure - equipment	Replaced failed equipment and replaced line
								failure Fuse Link Failure - equipment	fuse Replaced failed equipment and replaced line
								failure	fuse
I								Fuse Link Failure - tree limb	Replaced transformer fuse
								Pole top recloser lockout -	Repaired damaged equipment and restored
								accident	circuit to normal operation.
								Fuse Link Failure - equipment failure	Replaced failed equipment and replaced transformer fuse
12	6J5	2.542	PROVIDENCE	666	7	330.28	219967	Planned outage - equipment	Replaced transformer fuse
								maintenance	Deplement line from
I								Fuse Link Failure - lightning Fuse Link Failure - lightning	Replaced line fuse Replaced line fuse
								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - lightning	Replaced line fuse
								Pole top recloser lockout -	Repaired damaged equipment and restored
								equipment damage - motor vehicle accident	circuit to normal operation.
I								Feeder lockout - tree limbs	Removed tree limbs and restored circuit to
	<u> </u>								normal operation
13	27F4	2.4473	CRANSTON	237	4	599.77	142145	Feeder lockout - tree limbs	Removed tree limbs and restored circuit to normal operation
								Fuse Link Failure - lightning	Replaced line fuse
I								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - Lightning	Replaced transformer fuse

Rank	Feeder	Frequency	Town Served	Customers	Events	Duration	СМІ	Cause	Corrective Action
14	21F1	2.4427	WEST WARWICK	2826	21	600.99	1698384	Fuse Link Failure - Animal	Replaced transformer fuse
			CRANSTON					Feeder lockout - Fallen Tree	Removed tree and restored circuit to normal
									operation
								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - fallen tree	Replaced line fuse
								Fuse Link Failure - fallen tree	Replaced line fuse
								Fuse Link Failure - downed	Repaired conductors and replaced line fuse
								primaries	Destruction ()
								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - lightning	Replaced transformer fuse
								Fuse Link Failure - equipment failure	Replaced failed equipment and replaced transformer fuse
	l							Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - equipment	Replaced failed equipment and replaced
								failure	transformer fuse
								Fuse Link Failure - primary	Replaced line fuse
								contacted pole	replaced line lase
								Fuse Link Failure - equipment	Replaced failed equipment and replaced
								failure	transformer fuse
								Fuse Link Failure - overload - heat.	Replaced line fuse
								r doc Ellik r dildre overload riedt.	replaced line luse
								Fuse Link Failure - overload - heat.	Replaced line fuse
								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - overload - heat.	Replaced line fuse
									·
								Fuse Link Failure -fallen tree	Removed tree and restored circuit to normal
									operation
								Fuse Link Failure -tree limb	Replaced line fuse
								Fuse Link Failure - lightning	Replaced line fuse
								Fuse Link Failure - equipment	Replaced failed equipment and replaced line
								failure	fuse
15	46F3	2.3213	NORTH KINGSTOWN	1945	3	269.14	523483	Pole top recloser lockout - motor vehicle accident	Repaired damaged equipment and restored circuit to normal operation.
			EAST GREENWICH					Feeder lockout - motor vehicle	Repaired damaged equipment and restored
								accident	circuit to normal operation.
			WARWICK					Feeder lockout - motor vehicle	Repaired damaged equipment and restored
								accident	circuit to normal operation.
16	38F4	2.3045	SMITHFIELD	2460	7	74.03	182114	Pole top recloser lockout - overload	Performed switching and restored circuit to normal operation.
			JOHNSTON					Fuse Link Failure - equipment failure	Replaced failed equipment and replaced transformer fuse
								Fuse Link Failure - lightning	Replaced line fuse
	l							Fuse Link Failure - lightning	Replaced transformer fuse
	l							Fuse Link Failure - animal	Replaced transformer ruse Replaced line fuse
								Planned outage - load balancing	Restored circuit to normal operation
								Fuse Link Failure - overload - heat	Replaced transformer fuse
								Fuse Link Failure - overload - rieat	Replaced transformer fuse
17	63F3	2,2833	WEST GREENWICH	2993	18	154.81	463348	Fuse Link Failure - lightning	Replaced line fuse
			COVENTRY					Fuse Link Failure -tree limb	Replaced line fuse
	l							Fuse Link Failure - deterioration	Replaced transformer fuse
								Fuse Link Failure -lightning	
								i use Link i aliure -lightilling	Replaced line fuse
								Fuse Link Failure - lightning	Replaced line ruse Replaced transformer fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload	Replaced transformer fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder -	Replaced transformer fuse Replaced transformer fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload -	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse
								Fuse Link Failure - iightning Fuse Link Failure - overload Loss of 34.5KV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat Fuse Link Failure - equipment tailure Fuse Link Failure - lightning Fuse Link Failure - lightning	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5K V Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Planned outage - equipment	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat Fuse Link Failure - equipment tailure Fuse Link Failure - lightning Fuse Link Failure - lightning	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse
								Fuse Link Failure - ightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - unknown cause Fuse Link Failure - unknown cause	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced transformer fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Flanned outage - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning	Replaced transformer fuse Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced transformer fuse Replaced fine fuse Replaced fine fuse Replaced fine fuse
								Fuse Link Failure - ightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - unknown cause Replaced dine fuse - lightning Fuse Link Failure - unknown cause Fuse Link Failure - unknown cause Fuse Link Failure - cable failure Fuse Link Failure - cable failure	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced fuse Replaced fuse Replaced fine fuse
								Fuse Link Failure - igihtning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - cable failure Fuse Link Failure - equipment	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced fine fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment tailure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - lightning Flanned outage - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - cable failure Fuse Link Failure - capipment fuse Link Failure - equipment failure	Replaced transformer fuse Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced transformer fuse Replaced failed cable and replaced line fuse Replaced dine fuse Replaced dine fuse Replaced dine fuse
								Fuse Link Failure - ightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fushanned outage - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - cable failure Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - tree branch	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced fine fuse Replaced fine fuse Replaced failed cable and replaced line fuse Replaced failed cable and replaced line fuse Replaced failed equipment and replaced line fuse Removed tree branch and replaced line fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Flanned outage - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - cable failure Fuse Link Failure - equipment failure Fuse Link Failure - equipment failure Fuse Link Failure - epuipment failure Fuse Link Failure - tree branch Fuse Link Failure - tree branch	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced transformer fuse Replaced dine fuse Replaced line fuse Replaced dine fuse Replaced line fuse Replaced transformer fuse line fuse Replaced requipment and replaced line fuse Removed tree branch and replaced line fuse Removed tree branch and replaced line fuse Replaced transformer fuse
								Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment tailure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - lightning Flanned outage - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - cable failure Fuse Link Failure - equipment failure Fuse Link Failure - tree branch Fuse Link Failure - animal Fuse Link Failure - equipment	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced failed cable and replaced line fuse Removed tree branch and replaced line fuse Removed tree branch and replaced line fuse Replaced failed equipment and replaced Replaced failed equipment and replaced
								Fuse Link Failure - ightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - equipment failure Fuse Link Failure - equipment failure Fuse Link Failure - equipment failure Fuse Link Failure - animal Fuse Link Failure - animal Fuse Link Failure - equipment failure Fuse Link Failure - equipment	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced failed equipment fuse Replaced fine fuse Replaced fine fuse Replaced failed cable and replaced line fuse Replaced failed equipment and replaced line fuse Replaced transformer fuse Replaced failed equipment and replaced line fuse Replaced failed equipment and replaced line fuse Replaced failed equipment and replaced transformer fuse
18	146J14	2.2439	NEWPORT	369	2	304.05	112194	Fuse Link Failure - lightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Flanned outage - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - equipment fuse Link Failure - equipment failure Loss of 23kV supply to feeder -	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced failed equipment side fuse Replaced fine fuse Replaced failed cable and replaced line fuse Replaced failed equipment and replaced line fuse Removed tree branch and replaced line fuse Replaced transformer fuse Replaced failed equipment and replaced transformer fuse Replaced failed equipment and replaced transformer fuse Replaced failed equipment and replaced transformer fuse
18	146J14	2.2433	NEWPORT	369	2	304.05	112194	Fuse Link Failure - ightning Fuse Link Failure - overload Loss of 34.5kV Supply to feeder - substation equipment overload - heat. Fuse Link Failure - equipment failure Fuse Link Failure - lightning Fuse Link Failure - lightning Fuse Link Failure - equipment maintenance Fuse Link Failure - unknown cause Replaced line fuse - lightning Fuse Link Failure - equipment failure Fuse Link Failure - equipment failure Fuse Link Failure - equipment failure Fuse Link Failure - animal Fuse Link Failure - animal Fuse Link Failure - equipment failure Fuse Link Failure - equipment	Replaced transformer fuse Replaced transformer fuse Performed switching to relieve load and restored circuit Replaced failed equipment and replaced transformer fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced line fuse Replaced failed equipment fuse Replaced fine fuse Replaced fine fuse Replaced failed cable and replaced line fuse Replaced failed equipment and replaced line fuse Replaced transformer fuse Replaced failed equipment and replaced line fuse Replaced failed equipment and replaced line fuse Replaced failed equipment and replaced transformer fuse

The Total No. of cust's Served will vary throughout the year due to new activations, terminations of service or rearrangements of the company's distribution system. **DURATION** = (Total CMI) / (Total no. of cust's served by feeder) **FEGUENCY** = (Total no. of cust's interrupted) / (Total no. of cust's servent) **TOTAL CUSTOMER MINUTES (CMI)** = Sum of [((number of customers interrupted) x (duration of interruption)) for each event]

Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate has been mailed or hand-delivered to the individuals listed below.

Joanne M. Scanlon

October 12, 2006
Date

Narragansett Electric Company – Service Quality Plan Docket 3628 - Service List

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